



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/031,441	01/22/2002	Osamu Wada	111751	6411

7590
11/04/2005
Oliff & Berridge
PO Box 19928
Alexandria, VA 22320

EXAMINER

DESIR, JEAN WICEL

ART UNIT	PAPER NUMBER
----------	--------------

2614

DATE MAILED: 11/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/031,441

Applicant(s)

WADA, OSAMU

Examiner

Jean W. Désir

Art Unit

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 January 2002.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-16 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 6/15/05, 5/6/02
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000. Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Nakabayashi et al (US 6,628,822).

Claim 1:

Nakabayashi discloses:

An environment-compliant image display system (see Figs. 1, 2) having a plurality of image display devices (see Fig. 1 items 3-1, 3-2 for instance, and Fig. 2 items 3 (CRT), 4 (CRT) for instance) which are disposed at different locations and display substantially the same image (see the ABSTRACT last four lines, col. 1 lines 27-

Art Unit: 2614

29) when an object is displayed by the image display devices, each of the image display devices comprising: correction means (see Fig. 2 item 1-1, 1-2, col. 26 line 62 to col. 27 line 54, col. 32 lines 18-42,) which corrects input/output characteristic data for display used by display means in each of the image display devices to represent ideal image colors, based on visual environment information (col. 24 line 52 to col. 25 line 40) which indicates visual environment of an image display area.

Claim 2:

Nakabayashi discloses:

An environment-compliant image display system (see Figs. 1, 2) having a plurality of image display devices (see Fig. 1 items 3-1, 3-2, 2, 4 for instance, and Fig. 2 items 3 (CRT), 4 (CRT) for instance) which are disposed at different locations and display substantially the same image (see the ABSTRACT last four lines, col. 1 lines 27-29) when an object is displayed by the image display devices, one of the image display devices comprising:

transmission means (see col. 24 lines 5-14) which transmits image information for representing an ideal image to the other of the image display devices through a transmission path;

and correction means (see col. 24 lines 5-24) which corrects input/output characteristic data for display used by display means in each of the image display devices to represent ideal image colors, based on the image information and visual environment information which indicates visual environment of an image display area in a disposed location,

wherein the other of the image display devices has:

reception means (see col. 24 lines 5-14) which receives the image information from the one of the image display devices through the transmission path;

and another correction means (see col. 24 lines 5-24) which corrects the input/output characteristic data for display used by the display means in each of the image display devices to represent ideal image colors, based on the received image information and the visual environment information which indicates the visual environment of an image display area in a disposed location.

Claim 3:

Nakabayashi discloses:

An environment-compliant image display system (see Figs. 1, 2) having a plurality of image display devices (see Fig. 1 items 3-1, 3-2, 2, 4 for instance, and Fig. 2 items 3 (CRT), 4 (CRT) for instance) which are provided at different locations and display an image compliant with visual environment of a specific location in each of the different locations, each of the image display devices comprising:

transmission means (see col. 24 lines 5-14) which transmits reference visual environment information of the specific location to the other image display devices disposed at locations different from the specific location through a transmission path, when the image display device is disposed at the specific location;

reception means (see col. 24 lines 5-14) which receives the reference visual environment information through the transmission path, when image display device is disposed at a location different from the specific location;

and correction means (see col. 24 lines 5-24) which corrects input/output characteristic data for display used by display means in each of the image display devices to display an image compliant with the visual environment of the specific location, based on the received reference visual environment information and individual visual environment information of a disposed location when the image display device is disposed at a location different from the specific location.

Claim 4:

Nakabayashi discloses:

An environment-compliant image display system (see Figs. 1, 2) having a plurality of image display devices (see Fig. 1 items 3-1, 3-2, 2, 4 for instance, and Fig. 2 items 3 (CRT), 4 (CRT) for instance) which are provided at different locations and display an image compliant with visual environment of a specific location in each of the different locations, an image display device of the plurality of the image display devices disposed at a location different from the specific location comprising:

reception means (see col. 24 lines 5-14, see also Fig. 2) which receives reference visual environment information of the specific location transmitted from the specific location;

and correction means (see col. 24 lines 5-24, see also Fig. 2) which corrects input/output characteristic data for display used by display means in each of the image display devices to display an image compliant with the visual environment information of the specific location, based on the received reference visual environment information and individual visual environment information of a disposed location.

Claim 5:

The image display system as defined in claim 4, further comprising grasp means (see Fig. 2 items S1-S4) which grasps the visual environment.

Claim 6:

The image display system as defined in claim 5, wherein the grasp means measures at least one of color value, gamma and color temperature of a displayed image (see col. 24 lines 52-67, col. 25 lines 23-40).

Claim 7:

The image display system as defined in claim 6, wherein: the displayed image is an image for presentation; and each of the image display devices is a projector type of display device which projects an image for presentation (see Fig. 2 items 3, 4).

Claim 8:

Nakabayashi discloses:

An environment-compliant image processing (see Figs. 1, 2) method for representing substantially the same color (see col. 24 lines 5-14) at different locations, the method comprising the steps of: grasping visual environments (see Fig. 2 items S1-S4) of an image display area in each of the different locations; and correcting colors (see col. 24 lines 5-24, see also Fig. 2 items 1-1, 1-2) of an image displayed at each of the different locations based on visual environment information indicating the grasped visual environment.

Claim 9 is rejected for the same reasons as claims 4, 5, 8.

Claim 10 is rejected for the same reasons as claim 6.

Art Unit: 2614

Claim 11 is disclosed, see col. 24 lines 5-24, see also Fig. 2.

Claim 12, 13 are rejected for the same reasons as claim 8.

Claim 14 is rejected for the same reasons as claim 3.

Claim 15 is rejected for the same reasons as claim 4.

Claim 16 is rejected for the same reasons as claim 5, 6.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean W. Désir whose telephone number is (571) 272 7344. The examiner can normally be reached on 5/4/9 - First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John W. Miller can be reached on (571) 272 7353. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

JWD
Oct. 21, 05


JOHN MILLER
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600